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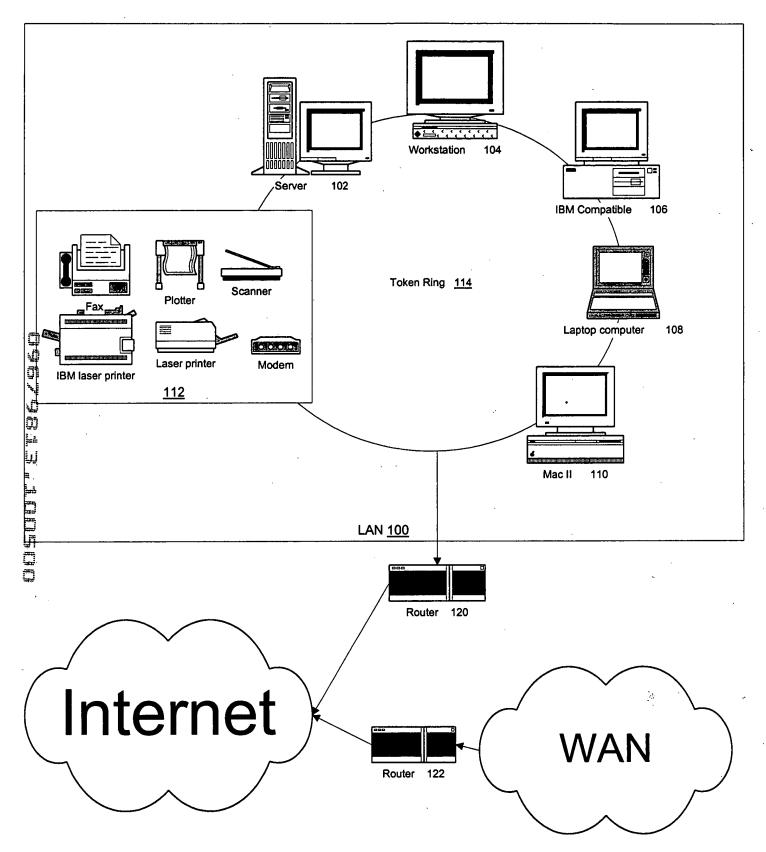


Fig. 1

Application Layer / Layer 5 202

Transport Layer / Layer 4
204

Internet Layer / Layer 3 206

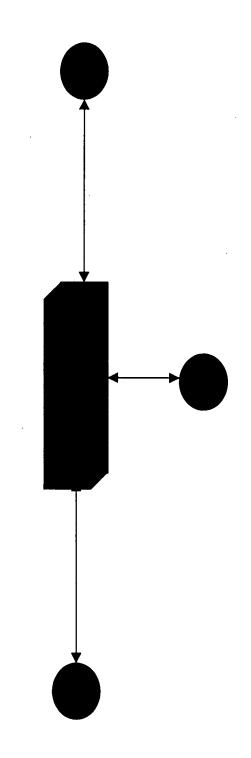
Network Interface Layer / Layer 2 208

Physical Layer / Layer 1 210

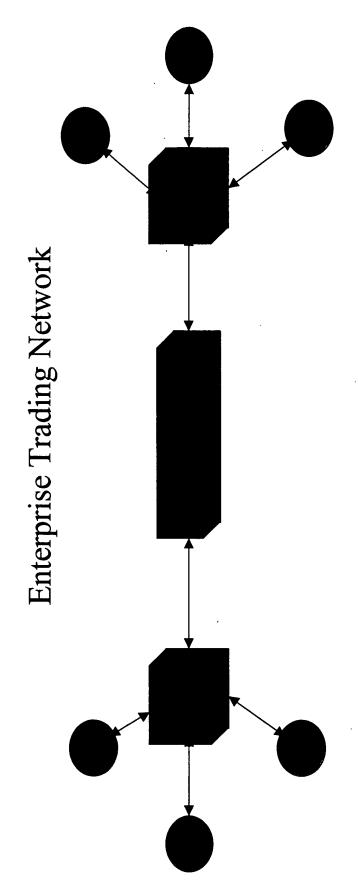
TCP/IP Layering Model

System 300

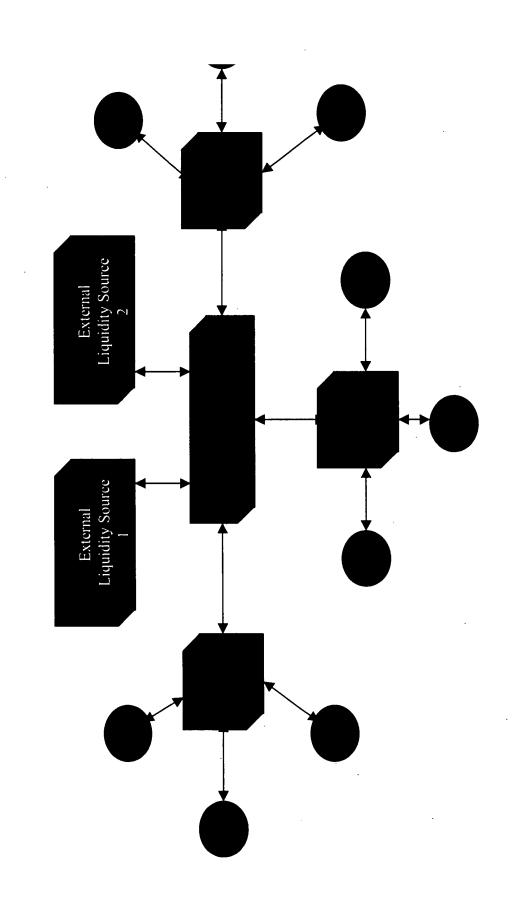
Independent Host Site

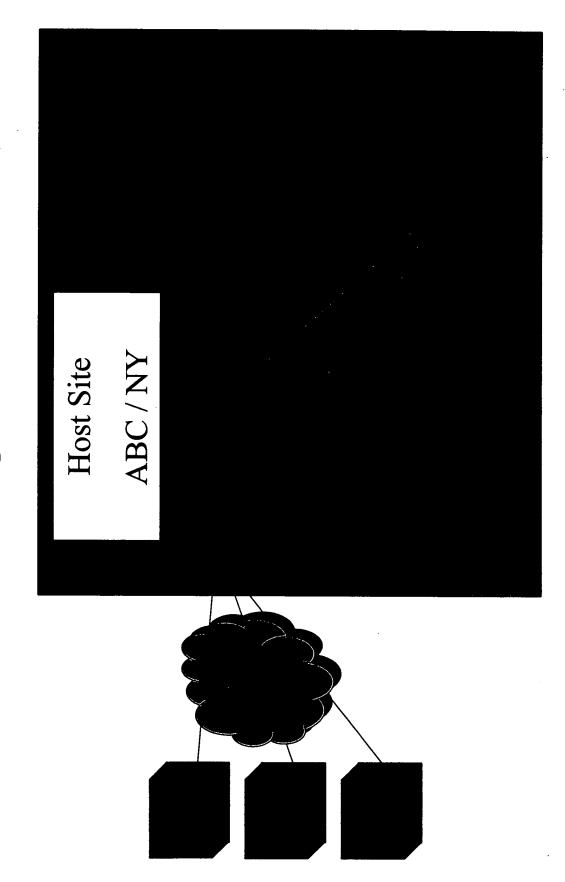


### System 400



## Global Trading Network





### Market Definitions

		/	,		1	
	Trade pric	Spot Date (T+2)	Adr	SELL	2	
	1	Spot Date (T+2)	EUR	BUY	1	C) EUR/JPY Spot FX
	Trade pric	Spot Date (T+2)	JPY	SELL	2	
	1	Spot Date (T+2)	asn	BUY	1	B) USD/JPY Spot FX
	Trade pric	Spot Date (T+2)	asn	SELL	2	
	1	Spot Date (T+2)	EUR	BUY	Į.	A) EUR/USD Spot FX
<b>L</b> -						

Figure 8

### Initial Orders

	7	707	N I G	4 000	4 0005
A) EUK/USD Spot FX	<b>-</b>	101	БОТ	1,000,000	1.0235
	2	102	SELL	1,000,000	1.0245
B) USD/JPY Spot FX	3	103	BUY	3,000,000	103.15
	4	104	SELL	7,000,000	103.25
C) EUR/JPY Spot FX	5	105	BUY	1,000,000	105.40
	9	106	SELL	2,000,000	105.50

### CHETCH EREVEL

### Figure 9

# State Of Markets Following Placement Of Initial Orders

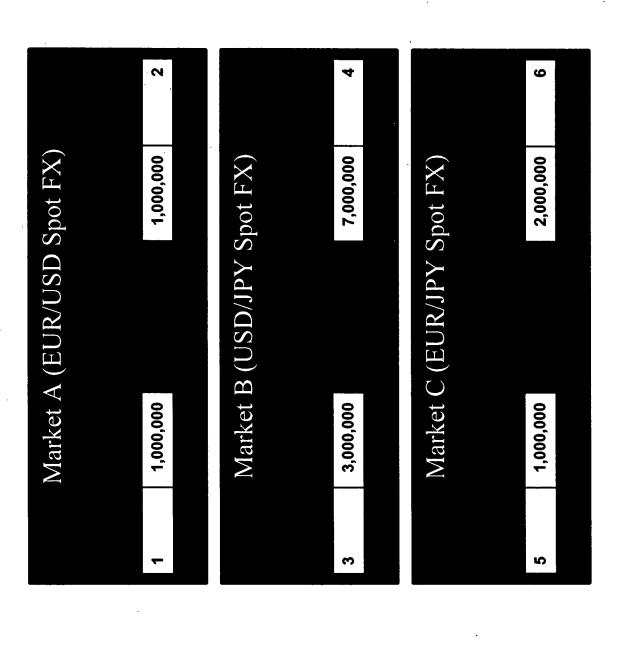


Figure 10

## FX Arbitrage Strategy

Required ROI: 1/10 % (44% annualized) Profit Location: USD Spot

## Market A Calculated Order Amount

### **EUR Spot**

 A1
2,000,000
2,000,000
C1

### **USD** Spot

B1	
2,045,564.712	
2,047,800	
A2	

### JPY Spot

## Market B Calculated Order Amount

### **EUR Spot**

A1		B1
1,000,000	Spot	1,022,385.89
1,000,000	USD Spot	1,023,500
		A2

#### JPY Spot

C2
105,500,000
105,500,000
B2

## Market C Calculated Order Amount

### **EUR Spot**

A1		<b>B</b> 4
1,000,000	Spot	1,022,394.571
1,000,000	USD Spot	1,023,500
C		A2

#### JPY Spot

000 <b>C2</b>	
105,460,000	
105,460,000	
B2	

Figure 14

## Orders Generated By FX Arbitrage Strategy

A) EUR/USD Spot FX	2	107	SELL	2,000,000	1.0239
B) USD/JPY Spot FX	8	107	SELL	1,022,386	103.19
C) EUR/JPY Spot FX	6	107	BUY	1,000,000	105.36

Figure 15

State Of Markets Following Activation Of FX Arbitrage Strategy

	<b>2</b> .	2		8	4
Spot FX)	2,000,000	1,000,000	spot FX)	1,022,386	7,000,000
Market A (EUR/USD Spot FX)		1.0245	Market B (USD/JPY Spot FX)		103.25
Market A	1,000,000		Market I	3,000,000	
	1				

Spot FX)	2,000,000 6	
Market C (EUR/JPY Spot FX)		105.40
Market	1,000,000	1,000,000
	6	2

Figure 16

New Order Which Triggers Execution Of

FX Arbitrage Strategy

 1.0239	2,000,000	BUY	110	10	A) EUR/USD Spot FX

Figure 17

## Trades Generated By Execution Of

## FX Arbitrage Strategy

 105.50	2,000,000 105.50	106	9	107	o	3	C) EUR/JPY Spot FX
 103.15	2,045,564	107	8	103	3	2	B) USD/JPY Spot FX 2
 1.0239	2,000,000 1.0239	107	7	110	10	1	A) EUR/USD Spot FX 1